

(FILE 'HOME' ENTERED AT 12:47:35 ON 09 NOV 2004)

FILE 'REGISTRY' ENTERED AT 12:49:42 ON 09 NOV 2004

L1	0 S	PHOSPHATIDIC ACID/CN
L2	220 S	PHOSPHATIDIC ACID
L3	0 S	LYSOPHOSPHATIDIC ACID/CN
L4	121 S	LYSOPHOSPHATIDIC ACID
L5	0 S	LYSOPHOSPHATIDYL CHOLINE/CN
L6	1 S	LYSOPHOSPHATIDYLCHOLINE/CN
L7	0 S	LYSOPHOSPHATIDYLSERINE/CN
L8	0 S	LYSOPHOSPHATIDYL SERINE/CN
L9	5 S	LYSOPHOSPHATIDYL SERINE
L10	0 S	PHOSPHATIDE/CN
L11	0 S	SPHYINGOLYCOLIPID/CN
L12	0 S	SPHYINGOLYCOLIPID
L13	2 S	SPHINGOLYCOLIPID
L14	0 S	LYSOPHOSPHATIDICACID/CN
L15	0 S	PHOSPHATIDICACID/CN
L16	0 S	PHOSPHATIDIC-ACID/CN
L17	0 S	PHOSPHATIDIC/CN
L18	0 S	PHOSPHATIDE/CN
L19	0 S	LYSO-STEAROYL PHOSPHATIDIC ACID
L20	0 S	LYSOSTEAROYL PHOSPHATIDIC ACID

FILE 'USPATFULL' ENTERED AT 13:04:30 ON 09 NOV 2004

L21	0 S	LYSOSTEAROYL PHOSPHATIDIC ACID
L22	37 S	LYSO? PHOSPHATIDIC ACID
L23	96 S	LYSO? (2W) PHOSPHATIDIC ACID
L24	5 S	L23 (100A) ?SPHINGOSINE
L25	1 S	L23 AND PHYTOSPHINGOSINE
L26	0 S	KWIC, IBIB
L27	0 S	L2D HIS3 AND PHYTOSPHINGOSINE

=>

FILE 'REGISTRY' ENTERED AT 12:49:42 ON 09 NOV 2004

L1	0	S	PHOSPHATIDIC ACID/CN
L2	220	S	PHOSPHATIDIC ACID
L3	0	S	LYSOPHOSPHATIDIC ACID/CN
L4	121	S	LYSOPHOSPHATIDIC ACID
L5	0	S	LYSOPHOSPHATIDYL CHOLINE/CN
L6	1	S	LYSOPHOSPHATIDYLCHOLINE/CN
L7	0	S	LYSOPHOSPHATIDYLSERINE/CN
L8	0	S	LYSOPHOSPHATIDYL SERINE/CN
L9	5	S	LYSOPHOSPHATIDYL SERINE
L10	0	S	PHOSPHATIDE/CN
L11	0	S	SPHYINGOGLYCOLIPID/CN
L12	0	S	SPHYINGOGLYCOLIPID
L13	2	S	SPHINGOGLYCOLIPID

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lyso-

Lysis, dissolution.

See: lyo-.

Origin: G. Lysis, a loosening

(05 Mar 2000)

Previous: lysinogen, lysinogenic, lysinuria, lysinuric protein intolerance, lysis

Next: lysoamidase, lysocephalin, lysogen, lysogenesis, lysogenic

lysoamidase

<chemical> A mixture of proteolytic enzymes from pseudomonadaceae; proteinases and phosphomonoesterases; soviet cpd

Pharmacological action: anti-infective agent

Chemical name: amidase, lyso-

(26 Jun 1999)

Previous: lysinogen, lysinogenic, lysinuria, lysinuric protein intolerance, lysis, lyso-

Next: lysocephalin, lysogen, lysogenesis, lysogenic, lysogenic bacteria

lysocephalin

A lysophosphatidic acid esterified with serine or ethanolamine, i.e., a lysophosphatidylserine or -ethanolamine; analogous to lysolecithin.

(05 Mar 2000)

Previous: lysinogenic, lysinuria, lysinuric protein intolerance, lysis, lyso-, lysoamidase

Next: lysogen, lysogenesis, lysogenic, lysogenic bacteria

lysogen

<microbiology> A bacterial cell whose chromosome contains integrated viral DNA.

(15 Oct 1997)

Previous: [lysinuric protein intolerance](#), [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#)

Next: [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#)

lysogenesis

The [production](#) of [lysins](#).

(05 Mar 2000)

Previous: [lysinuric protein intolerance](#), [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#), [lysogen](#)

Next: [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#)

lysogenic

1. Causing or having the [power](#) to [cause](#) [lysis](#), as the [action](#) of certain [antibodies](#) and [chemical substances](#).
2. Pertaining to [bacteria](#) in the [state](#) of [lysogeny](#).

(05 Mar 2000)

Previous: [lysinuric protein intolerance](#), [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#), [lysogen](#), [lysogenesis](#)

Next: [lysogenic bacteria](#), [lysogenic bacterium](#), [lysogenic conversion](#)

lysogenic bacteria

<microbiology> A [bacterium](#) which contains in its [genome](#) the [DNA](#) of a [virus](#) which is [lying dormant](#), passively letting itself be [replicated](#) by the [bacterium](#) whenever the [bacterium](#) [replicates](#) its own [genome](#) (a [lysogenic virus](#)), but able to [reactivate](#) and [destroy](#) the [bacterium](#) at a [time](#) of the [virus's](#) [choosing](#) (becomes a [lytic virus](#)).

(15 Oct 1997)

Previous: [lysis](#), [lyso-](#), [lysoamidase](#), [lysocephalin](#), [lysogen](#), [lysogenesis](#), [lysogenic](#)

Next: [lysogenic bacterium](#), [lysogenic conversion](#), [lysogenic induction](#)

lysogenic bacterium

A [bacterium](#) in the [symbiotic condition](#) in which its [genome](#) includes the [genome](#) ([probacteriophage](#)) of a [temperate bacteriophage](#); in [occasional](#) instances the [probacteriophage](#) [dissociates](#) from the [bacterial genome](#), [develops](#) into [vegetative bacteriophage](#), and then [matures](#), causing [lysis](#) of the respective [host](#) [bacterium](#) and [release](#) into the [culture medium](#) of [infective temperate bacteriophage](#), formerly, a [pseudolysogenic bacterial strain](#), i.e., a "carrier" strain of [bacteriophage](#) of [low infectivity](#).

(05 Mar 2000)

Previous: [lysoamidase](#), [lysocephalin](#), [lysogen](#), [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#)
Next: [lysogenic conversion](#), [lysogenic induction](#), [lysogenic infection](#)

lysogenic conversion

[lysogeny](#)

Previous: [lysogen](#), [lysogenesis](#), [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#)
Next: [lysogenic induction](#), [lysogenic infection](#), [lysogenicity](#)

lysogenic induction

[Induction](#) that occurs when [prophage](#) is transferred to a [nonlysogenic bacterium](#) by [conjugation](#) or by [transduction](#).

(05 Mar 2000)

Previous: [lysogenic](#), [lysogenic bacteria](#), [lysogenic bacterium](#), [lysogenic conversion](#)
Next: [lysogenic infection](#), [lysogenicity](#), [lysogenic pathway](#), [lysogenic strain](#)

lysogenic infection

An [infective process](#) characterised by the [incorporation](#) of the [DNA](#) of the [infecting phage](#) into the [host cell chromosome](#). Once incorporated, the phage DNA [replicates](#) along with the [host DNA](#). The incorporated phage DNA is relatively [inactive](#), thus permitting the host [cell](#) to continue [fairly normal life](#) processes.

(14 Nov 1997)

Previous: [lysogenic bacteria](#), [lysogenic bacterium](#), [lysogenic conversion](#), [lysogenic induction](#)
Next: [lysogenicity](#), [lysogenic pathway](#), [lysogenic strain](#), [lysogenic virus](#)

lysogenicity

The [property](#) of [being lysogenic](#).

(05 Mar 2000)

Previous: [lysogenic bacterium](#), [lysogenic conversion](#), [lysogenic induction](#), [lysogenic infection](#)
Next: [lysogenic pathway](#), [lysogenic strain](#), [lysogenic virus](#), [lysogenization](#)

lysogenic pathway

<virology> The method by which a virus becomes a dormant, passive part of its host bacterium's genome (a lysogenic virus), choosing to insert its DNA into the host's and postponing completion of its lytic cycle, at which time it destroys the host and spreads its progeny to infect other bacterial cells (enters the lytic pathway).

(09 Oct 1997)

Previous: lysogenic conversion, lysogenic induction, lysogenic infection, lysogenicity

Next: lysogenic strain, lysogenic virus, lysogenization, lysogeny, lysokinase

lysogenic strain

A strain of bacterium that is infected with a temperate bacteriophage.

See: lysogeny.

(05 Mar 2000)

Previous: lysogenic induction, lysogenic infection, lysogenicity, lysogenic pathway

Next: lysogenic virus, lysogenization, lysogeny, lysokinase, lysolecithin

lysogenic virus

<virology> A virus which has the capability to insert its DNA into the genome of the host bacterium for long-term dormancy, so that the bacterium replicates the viral DNA along with its own and passes it to its offspring. The virus is able to choose when it wants to reactivate and finish its lytic cycle, at which time it destroys the host and spreads its progeny to infect other bacterial cells.

(09 Oct 1997)

Previous: lysogenic infection, lysogenicity, lysogenic pathway, lysogenic strain

Next: lysogenization, lysogeny, lysokinase, lysolecithin, lysolecithinase

lysogenization

The process by which a bacterium becomes lysogenic.

(05 Mar 2000)

Previous: lysogenic infection, lysogenicity, lysogenic pathway, lysogenic strain, lysogenic virus

Next: lysogeny, lysokinase, lysolecithin, lysolecithinase

lysogeny

<virology> The ability of some phages to survive in a bacterium as a result of the integration of their DNA into the host chromosome. The integrated DNA is termed a prophage. A regulator gene produces a repressor protein that suppresses the lytic activity of the phage, but various environmental factors, such as ultraviolet irradiation may prevent synthesis of the repressor, leading to normal phage development and lysis of the bacterium. The best example of this is bacteriophage lambda.

(18 Nov 1997)

Previous: lysogenic pathway, lysogenic strain, lysogenic virus, lysogenization

Next: lysokinase, lysolecithin, lysolecithinase

lysokinase

Term proposed for activator agents (e.g., streptokinase, urokinase, staphylokinase) that produce plasmin by indirect or multiple-stage action on plasminogen.

(05 Mar 2000)

Previous: lysogenic pathway, lysogenic strain, lysogenic virus, lysogenization, lysogeny

Next: lysolecithin, lysolecithinase, lysolecithin-lecithin acyltransferase

lysolecithin

A lysophosphatic acid that contains choline; capable of lysing erythrocytes.

Synonym: lysophosphatidylcholine.

(05 Mar 2000)

Previous: lysogenic strain, lysogenic virus, lysogenization, lysogeny, lysokinase

Next: lysolecithinase, lysolecithin-lecithin acyltransferase

lysolecithinase

lysophospholipase

Previous: lysogenic strain, lysogenic virus, lysogenization, lysogeny, lysokinase, lysolecithin

Next: lysolecithin-lecithin acyltransferase

lysolecithin-lecithin acyltransferase

<enzyme> An enzyme that catalyses the reversible reaction of lysolecithin and another phospholipid (e.g., phosphatidylethanolamine) to form lecithin and lysophosphatidylethanolamine; a major route in the restructuring of lecithin.

(05 Mar 2000)

Previous: lysogenic virus, lysogenization, lysogeny, lysokinase, lysolecithin, lysolecithinase

Next: lysomonogalactosyldiacylglycerol acyltransferase, lysophosphatide

lysomonogalactosyldiacylglycerol acyltransferase

<enzyme> Transfers acyl group from acyl-acyl-carrier protein to an endogenous lysomonogalactosyldiacylglycerol to form monogalactosyldiacylglycerol

Registry number: EC 2.3.1.-

Synonym: acp-lysomgdg acyltransferase, monogalactosyldiacylglycerol synthase, mgdg synthase

(26 Jun 1999)

Previous: lysolecithin, lysolecithinase, lysolecithin-lecithin acyltransferase

Next: lysophosphatide, lysophosphatidic acid

lysophosphatide

<biochemistry, cell biology> Mono acyl derivatives of diacyl phospholipids that are present in membranes as a result of cyclic deacylation and reacylation of phospholipids. Membranolytic in high concentrations and fusogenic at concentrations that are just sub lytic. May have important modulatory roles.

(15 Oct 1997)

Previous: lysolecithin-lecithin acyltransferase, lysomonogalactosyldiacylglycerol acyltransferase

Next: lysophosphatidic acid, lysophosphatidic acid acyltransferase

lysophosphatidic acid

A phosphatidic acid in which only one of the two hydroxyl groups of the glycerophosphate is esterified; most commonly, when carbon-1 of the glycerol moiety is esterified (e.g., 1-acylglycerol-3-phosphate).

(05 Mar 2000)

Previous: lysolecithin-lecithin acyltransferase, lysomonogalactosyldiacylglycerol acyltransferase, lysophosphatide

Next: lysophosphatidic acid acyltransferase

lysophosphatidic acid acyltransferase

1-acylglycerol-3-phosphate acyltransferase.

(05 Mar 2000)

Previous: lysomonogalactosyldiacylglycerol acyltransferase, lysophosphatide, lysophosphatidic acid
Next: lysophosphatidic acid-hydrolysing lysophospholipase

lysophosphatidic acid-hydrolysing lysophospholipase

<enzyme> Catalyses the hydrolysis of lysophosphatidic acids

Registry number: EC 3.1.1.-

Synonym: (1-acyl-sn-glycero-3-phosphate)-hydrolysing lysophospholipase, lpa-hydrolysing
lysophospholipase, lpa-hlpl

(26 Jun 1999)

Previous: lysophosphatide, lysophosphatidic acid, lysophosphatidic acid acyltransferase
Next: lysophosphatidic acid phosphatase, lysophosphatidylcholine

lysophosphatidic acid phosphatase

<enzyme> Forms 1-acyl-sn-glycerol plus pi

Registry number: EC 3.1.3.-

(26 Jun 1999)

Previous: lysophosphatidic acid acyltransferase, lysophosphatidic acid-hydrolysing lysophospholipase
Next: lysophosphatidylcholine, lysophosphatidylcholines

lysophosphatidylcholine

lysolecithin

Previous: lysophosphatidic acid-hydrolysing lysophospholipase, lysophosphatidic acid phosphatase
Next: lysophosphatidylcholines, lysophosphatidylserine, lysophospholipase

lysophosphatidylcholines

Derivatives of phosphatidylcholines obtained by their partial hydrolysis which removes one of the fatty acid moieties.

(12 Dec 1998)

Previous: lysophosphatidic acid-hydrolysing lysophospholipase, lysophosphatidic acid phosphatase, lysophosphatidylcholine

Next: lysophosphatidylserine, lysophospholipase

lysophosphatidylserine

Phosphatidylserine from which one fatty acid residue has been removed from the glycerol moiety, typically at carbon-2.

Compare: lysophosphatidic acid.

(05 Mar 2000)

Previous: lysophosphatidic acid phosphatase, lysophosphatidylcholine, lysophosphatidylcholines

Next: lysophospholipase, lysophospholipase-transacylase, lysophospholipids

lysophospholipase

<enzyme> An enzyme that catalyses the hydrolysis of a single fatty acid ester bond in lysoglycerophosphatidates with the formation of glyceryl phosphatidates and a fatty acid.

Chemical name: 2-Lysophosphatidylcholine acylhydrolase

Registry number: EC 3.1.1.5

(12 Dec 1998)

Previous: lysophosphatidylcholine, lysophosphatidylcholines, lysophosphatidylserine

Next: lysophospholipase-transacylase, lysophospholipids

lysophospholipase-transacylase

<chemical>

Synonym: lysophosphatidylcholine lysophosphatidylcholine transacylase, lpta-i, lpta-ii

(26 Jun 1999)